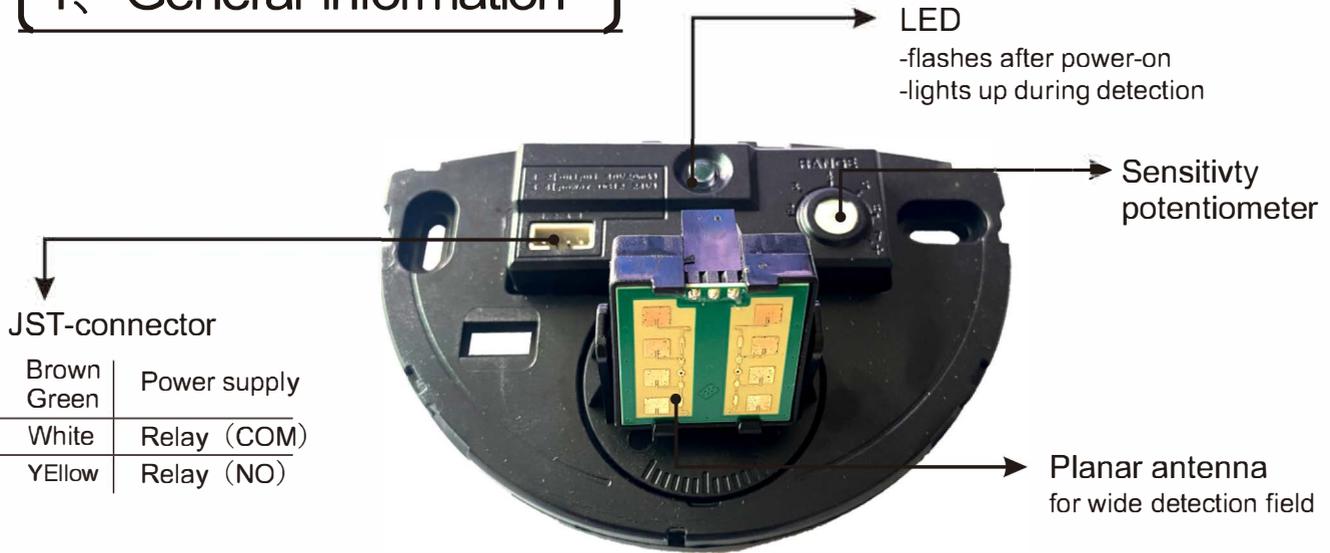


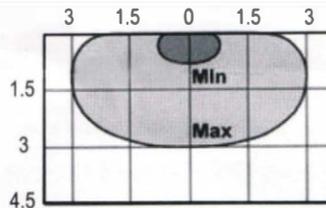
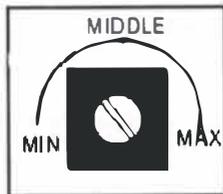
1、 General information



2、 Adjustments

1

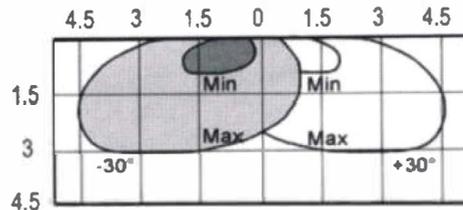
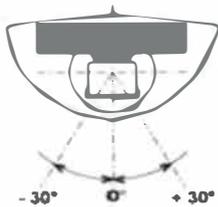
The sensitivity settings determine the size of the sensing field



vertical angle:30°,mounting height:2.2m

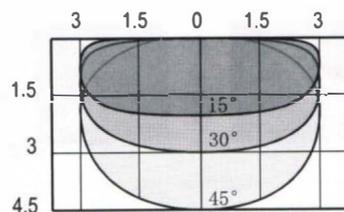
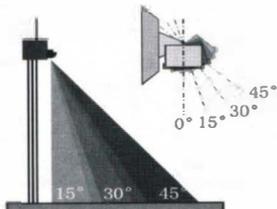
2

The lateral angle of the planar antenna determines the position of the sensing field



3

The vertical angle of the planar antenna determines the depth of the sensing field



sensitivity:maximum

3、 Installation tips

					
Avoid vibrations	DO not cover the sensor	Moving objects	Avoid proximity to neonlamps	Do not touch electronic parts	Sensitivity adjustment potentiometer please gently, slowly rotating

4、 Troubleshooting

Fault phenomenon	PROBABLE CAUSES	CORRECTIVE ACTION
The door will not open and no LED lights up	The sensor power is off.	Check the wiring and the power supply
The door opens and closes constantly	The sensor "sees" the door moving when the door creates vibrations picked up by the sensor.	Make sure that the sensor is correctly fixed. Increase the tilt angle and/or reduce the sensitivity. Is there any interference source within the detection range?
Detection distance is too close	Sensitivity too small. The microwave module angle is too small. Sensor is blocked.	Adjust sensitivity potentiometer to 1/2 or higher. The microwave module angle is 45 degrees or greater. Remove the occluded object.

5、 Technical specifications

Technology	microwave doppler radar
Transmitter frequency	24.125GHz
Transmitter radiated power	<20 dBm EIRP
Transmitter power density	≤5mW/cm
Maximum mounting height	3m
Tilt angles	0° to 90° vertical; -30° to +30° lateral
Detection field(mounting height=2.2m)	4m(W)×2m(D)
Detection mode	motion
Minimum speed	5cm/s(measured in the sensor axis)
Supply voltage	12 V to 24 V AC ±10%; 12 V to 24 V DC +30% / -10%
Main frequency	50 to 60HZ
Power consumption	≤2W(VA)
Output mode	Switch tube output
Signal output time	Output keeps 1.5S
Max contact voltage	42V AC/DC
Max.contact current	1A(resistive)
Max switching power	30W(DC)/60VA(AC)
Temperature range	-20°C to +55°C
Degree of protection	IP54
Norm Conformity	R&TTE 1999/5/EC;EMC 89/336/EEC
Material	ABS
Color of housing	silver
Dimensions	120mm(W)×80mm(H)×50mm(D)
Weight	0.215kg
Length of cable	2.2m

Specifications are subject to change without prior notice. Measured in specific conditions